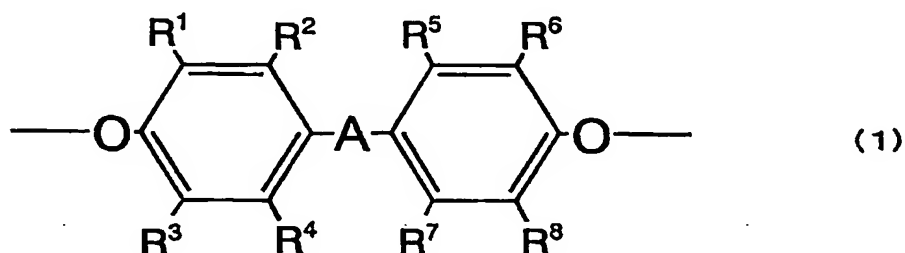


CLAIMS

1. A polyamide resin composition comprising polyamide resin and swelling mica treated with a polyether compound, wherein the polyether compound is represented by general formula (1):



(wherein -A- represents -O-, -S-, -SO-, -SO<sub>2</sub>-, -CO-, an alkylene group having 1 to 20 carbon atoms, or alkylidene group having 6 to 20 carbon atoms; and R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>, R<sup>4</sup>, R<sup>5</sup>, R<sup>6</sup>, R<sup>7</sup>, and R<sup>8</sup> may be the same or different and each represent a hydrogen atom, a halogen atom, or a monovalent hydrocarbon group having 1 to 5 carbon atoms).

2. The polyamide resin composition of claim 1, further comprising at least one of a styrene resin, an anhydride-containing olefin copolymer, and a carbon compound.

3. The polyamide resin composition of claim 1, further comprising a styrene resin.

4. The polyamide resin composition of claim 1, further

comprising an anhydride-containing olefin copolymer.

5. The polyamide resin composition of claim 4, wherein the anhydride-containing olefin copolymer is obtained by  
5 copolymerization or graft reaction of olefin or an olefin copolymer with an alicyclic dicarboxylic anhydride having a cis double bond in the ring or an  $\alpha,\beta$ -unsaturated dicarboxylic anhydride.

10 6. The polyamide resin composition of claim 4, wherein the content of the anhydride-containing olefin copolymer in the polyamide resin composition is in the range of 1 to 30 percent by weight.

15 7. The polyamide resin composition of claim 1, further comprising a carbon compound.

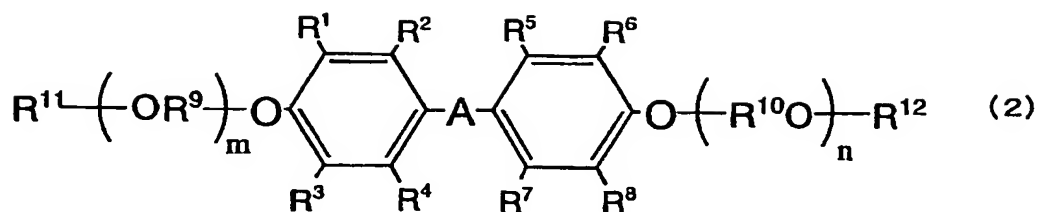
8. The polyamide resin composition of claim 7, wherein the carbon compound is in the form of particles.

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9. The polyamide resin composition of claim 7, wherein the carbon compound is fibrous.

10. The polyamide resin composition of any one of claims  
25 1 to 9, wherein the polyether compound is represented by

general formula (2):



(wherein A, R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>, R<sup>4</sup>, R<sup>5</sup>, R<sup>6</sup>, R<sup>7</sup>, and R<sup>8</sup> are the same as above; R<sup>9</sup> and R<sup>10</sup> may be the same or different and each represent a divalent hydrocarbon group having 1 to 5 carbon atoms; R<sup>11</sup> and R<sup>12</sup> may be the same or different and each represent a hydrogen atom or a monovalent hydrocarbon group having 1 to 20 carbon atoms; m and n each represent the number of oxyalkylene repeating units; and 2 ≤ m + n ≤ 50).

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11. The polyamide resin composition of any one of claims 1 to 10, wherein the ratio of the swelling mica having an equivalent circular diameter [D] of 300 nm or less in the composition is 20% or more.

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12. The polyamide resin composition of any one of claims 1 to 11, wherein the average of the equivalent circular diameter [D] of the swelling mica in the polyamide resin composition is 500 nm or less.

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13. The polyamide resin composition of any one of claims

1 to 12, wherein the average layer thickness of the swelling mica in the polyamide resin composition is 50 nm or less.

14. The polyamide resin composition of any one of claims  
5 1 to 13, wherein the maximum layer thickness of the swelling mica in the polyamide resin composition is 200 nm or less.

15. The polyamide resin composition of any one of claims  
1 to 14, wherein the number [N] of particles per unit weight  
10 ratio of the swelling mica in the polyamide resin composition is 30 or more.

16. The polyamide resin composition of any one of claims  
1 to 15, wherein the average aspect ratio (layer  
15 length/layer thickness) of the swelling mica in the polyamide resin composition is 10 to 300.

17. The polyamide resin composition of any one of claims  
1 to 16, the content of the swelling mica in the polyamide  
20 resin composition is in the range of 0.5 to 30 percent by weight.

18. The polyamide resin composition of claim 1 or 2,  
prepared by mixing these components.

19. A method for making a polyamide resin composition, comprising melt-mixing the components of the polyamide resin composition set forth in claim 1 or 2.

5      20. A molded resin article entirely or partially composed of the polyamide resin composition according to one of claims 1 to 18.

21. The molded resin article according to claim 20 used  
10 in automobile parts.